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AMENDMENT UNDER 37 C.F.R. § 1.116  
EXPEDITED PROCEDURE  
GROUP 1638  
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: CA1162

C. ARNTZEN, et al.

Appln. No.: 09/129,298

Group Art Unit: 1638

Examiner: David H. Kruse

Filed: August 05, 1998

For: THE USE OF MIXED DUPLEX OLIGONUCLEOTIDES TO EFFECT LOCALIZED  
GENETIC CHANGES IN PLANTS

AMENDMENT UNDER 37 C.F.R. § 1.116

ATTN: BOX AF  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

In response to the Final Rejection mailed September 11, 2002, the Applicants respectfully request reconsideration of Claims 1-4 and 8-27 in view of the following amendments and remarks.

**IN THE SPECIFICATION:**

Commonly assigned U.S. patent application Serial No. 09/078,063, filed May 12, 1998, now US Patent 6,004,804 and Serial No. 09/078,064, filed May 12, 1998, now US Patent 6,010,907, disclose a type of duplex recombinagenic oligonucleobase in which a strand has a sequence that is identical to that of the target gene and only the sequence of the "complementary" strand contains a heterologous region. This configuration results in one or more mismatched bases or a "heteroduplex" structure. The heterologous region of the heteroduplex recombinagenic oligonucleobases that are useful in the present invention is located